

Title (en)
MOBILE TERMINAL

Title (de)
MOBILES ENDGERÄT

Title (fr)
TERMINAL MOBILE

Publication
EP 4089987 A1 20221116 (EN)

Application
EP 21772355 A 20210312

Priority
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Abstract (en)
Embodiments of this application provide a mobile terminal, relate to the field of sound on screen technologies, and are used to resolve a problem that there is an insufficient volume on a high frequency band when the mobile terminal makes a sound on screen. At least a part of a vibrator in the mobile terminal is disposed in an accommodation cavity. The vibrator includes a first magnet, a second magnet, a coil, and at least one third magnet. The first magnet, the coil, and the third magnet are all connected to a rear face of a display module. The first magnet is located in a closed region enclosed by a conducting wire of the coil. The third magnet is located on one side that is of the coil and that is away from the first magnet. The second magnet is connected to a middle frame, and a location of the second magnet and a location of the first magnet are disposed opposite each other. A first pole of the first magnet, a first pole of the second magnet, and a second pole of the third magnet are close to each other, so that at least some magnetic lines of force pass through the coil from a surface that is of the coil and that is close to the first magnet and a surface that is of the coil and that is close to the third magnet.

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